

Matrix Metalloproteinase-9 Recombinant Protein | MMP9 recombinant protein

Recombinant Human Matrix Metalloproteinase-9, Sf9

CATALOG #
AAA38055

HOST
Sf9, Insect cells

PRODUCT SYNONYMS

Matrix Metalloproteinase-9; Recombinant Human Matrix Metalloproteinase-9; Sf9; Matrix Metalloproteinase-9 Human Recombinant; Matrix metalloproteinase-9; MMP-9; 92 kDa gelatinase; Gelatinase B; GELB; MMP9; CLG4B; MMP9 Human; MMP9 recombinant protein

PRODUCT SPECIFICATIONS

Host	Sf9, Insect cells
Purity/Purification	>90% as determined by SDS-PAGE
Form/Format	Sterile Filtered Colorless Solution Protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.
Sequence	APRQRQSTLV LFPGLDRLTNL TDRQLAEEYL YRYGYTRVAE MRGESKSLGP ALLLLQKQLS LPETGELDSA TLKAMRTPRC GVPDLGRFQT FEGDLKWHHH NITYWIQNY EDLPRAVIDD AFARAFALWS AVTPLTFTRV YSRDADIVIQ FGVAEHGDGY PFDGKDGLLA HAFPPGPGIQ GDAHFDDEL WSLGKGVVVP TRFGNADGAA CHFPFIFEGR SYSACTTDGR SDGLPWCSTT ANYDTDDRFG FCPSELYTQ DGNADGKPCQ FPFIFQGQSY SACTTDGRSD GYRWCATTAN YDRDKLFGFC PTRADSTVMG GNSAGELCVF PFTFLGKEYS TCTSEGRGDG RLWCATTSNF DSDKKWGFCEP DQGYSLFLVA AHEFGHALGL DHSSVPEALM YPMYRFTEGP PLHKDDVNGI RHLYGPRPEP EPRPPTTTTP QPTAPPTVCP TGPPTVHPSE RPTAGPTGPP SAGPTGPPTA GPSTATTVPL SPVDDACNVN IFDAIAEIGN QLYLFKDGKY WRFSEGRGSR PQGPFLIADK WPALPRKLDV VFEERLSKKL FFFSGRQVWV YTGASVLGPR RLDKLGGLAD VAQVTGALRS GRGKMLLFSG RRLWRFDVKA QMVDPRSASE VDRMFPGVPL DTHDVFQYRE KAYFCQDRFY WRVSSRSELN QVDQVGYVTY DILQCPEDHH HHHH
Sequence Length	707
Preparation and Storage	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for MMP9 recombinant protein	Introduction: MMP9 is part of the matrix metalloproteinase family. MMP enzymes take part in the dismantle of extracellular matrix in different physiological pathways, for instance wound healing, bone development, reproduction etc. the enzyme is also involved in pathological pathways: metastasis, arthritis and intracerebral hemorrhage. Description: MMP9 produced in Sf9 Insect cells is a single, glycosylated polypeptide chain containing 694 amino acids (20-707a.a.) and having a molecular mass of 77.1 kDa (Molecular size on SDS-PAGE will appear at approximately 70-100kDa). MMP9 is expressed with a 6 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.
Product Categories/Family for MMP9 recombinant protein	Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	74272287
NCBI GeneID	4318

NCBI Accession #	NP_004985.2
NCBI GenBank Nucleotide #	NM_004994.3
UniProt Accession #	P14780
NCBI Official Full Name	matrix metalloproteinase-9 preproprotein
NCBI Official Synonym Full Names	matrix metalloproteinase 9
NCBI Official Symbol	MMP9
NCBI Official Synonym Symbols	GELB; CLG4B; MMP-9; MANDP2
NCBI Protein Information	matrix metalloproteinase-9
UniProt Protein Name	Matrix metalloproteinase-9
UniProt Gene Name	MMP9
UniProt Synonym Gene Names	CLG4B; MMP-9; GELB
UniProt Entry Name	MMP9_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/mmp9-recombinant-protein-sf9-insect-cells/38055>